

CLEAN VERSION OF AMENDED SPECIFICATION PARAGRAPHS

HIGH POWER ULTRASONIC TRANSDUCERS

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Clean Version of first complete paragraph on page 26 beginning on line 10

The construction of the outer and inner cooling fixtures 142 and 156 from an electrically insulating dielectric material further serves to enhance the operating efficiency of the motor assembly 41. Deleterious eddy currents from the high frequency magnetic field generated by the drive coil 51 are not produced in the cooling fixtures 142 and 156. Eddy currents can disrupt the intensity of the ac magnetic field extending through the drive rod 42. Such undesirable eddy currents are also not generated in the nonconductive cooling fluid of the ultrasonic transducer 21. In addition, the fixtures 142 and 156 are good heat conductors and thus enhance the transfer of heat from the various components in the motor section of the ultrasonic transducer 21 to the cooling fluid. The dielectric material of the cooling fixtures 142 and 156 further protects against electrical shorts within the transducer 21.